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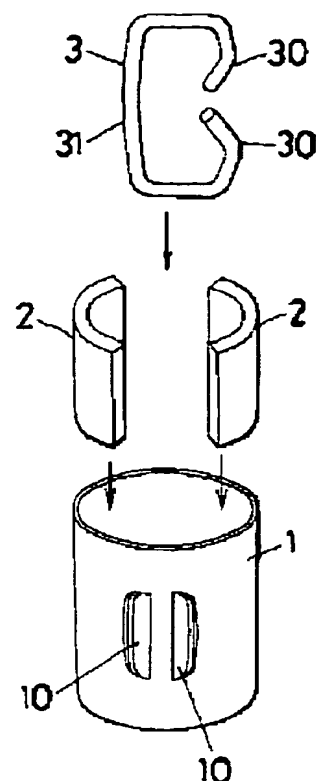
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APPLICANT : MATSUSHITA ELECTRIC WORKS LTD;

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TITLE : MINIATURE MOTOR



ABSTRACT : PURPOSE: To provide a miniature motor which can secure the fastening strengths of its magnets without using any bonding agent and on the other hand can reduce its magnetic leakage.

CONSTITUTION: Fastening parts 10, 10 are formed by raising-up inwards the wall-thickness parts of a motor case 1 in a cutting way. Magnets 2, 2 are inserted respectively into the motor case 1 in the directions of arrows, and the one-side-end parts thereof are contacted respectively with the fastening parts 10, 10. Further, a nearly C-shaped presser bar spring 3 is so squeezed in between the other-side-end parts of the magnets 2, 2 that side-end parts 30, 30 of the opening part of the nearly C-shaped spring 3 and an opposite side part 31 thereto are contacted respectively with the other-side-end parts of the magnets 2, 2. The presser bar spring 3 squeezed therein so presses the magnets 2, 2 on the fastening parts 10, 10 respectively that the side-end parts 30, 30 and the opposite side part 31 thereto expand in the opposite directions to each other respectively. Thereby, the two magnets 2, 2 are so supported respectively on the inner peripheral surface of the motor case 1 in a fastening way that they are opposed to each other.

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